

Method and system for a network management framework  
with redundant failover methodology

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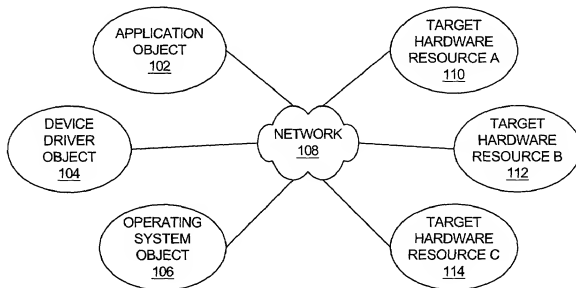


FIG. 1  
(PRIOR ART)

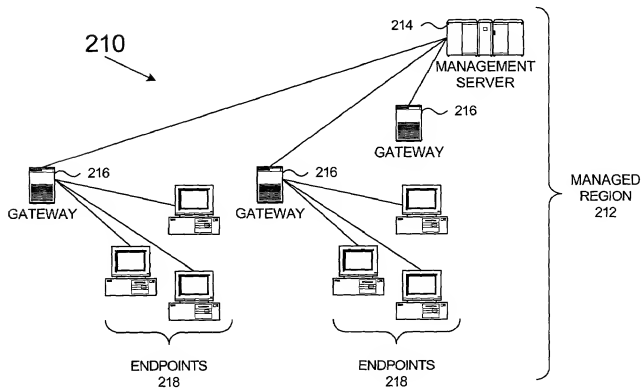


FIG. 2A

Method and system for a network management framework  
with redundant failover methodology

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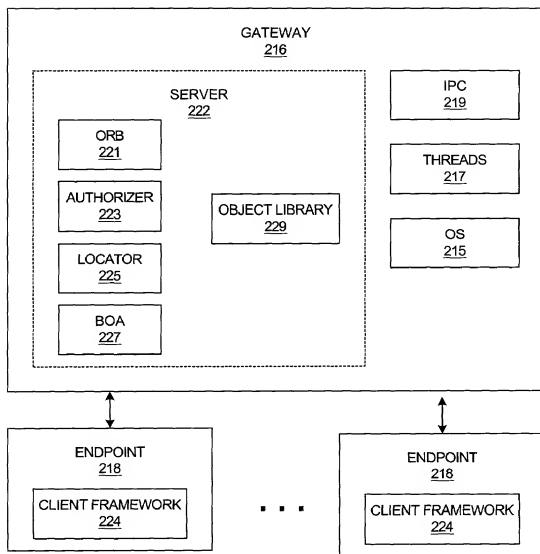


FIG. 2B

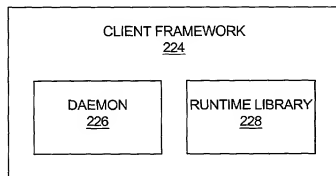


FIG. 2C

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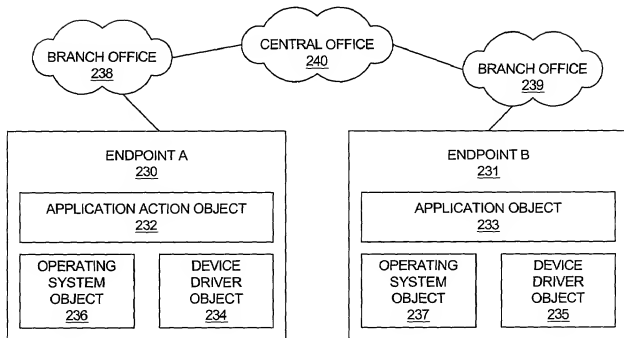


FIG. 2D

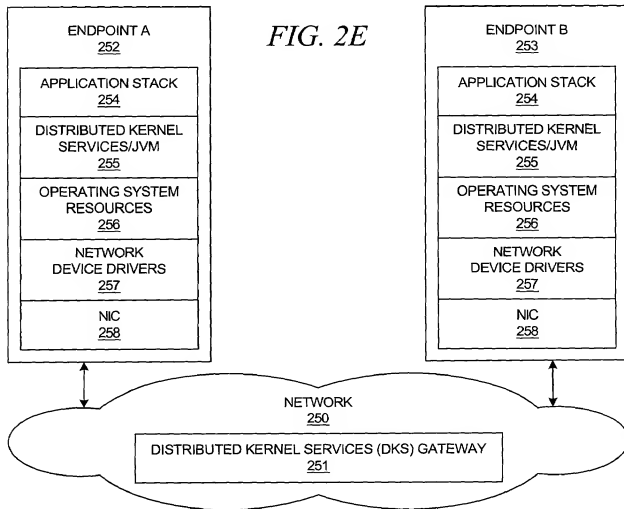


FIG. 2E

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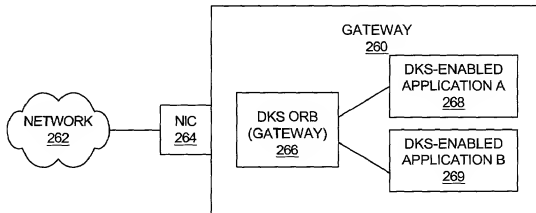


FIG. 2F

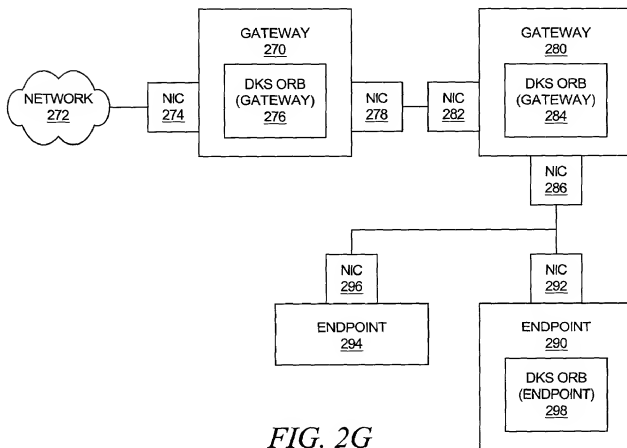


FIG. 2G

Method and system for a network management framework  
with redundant failover methodology

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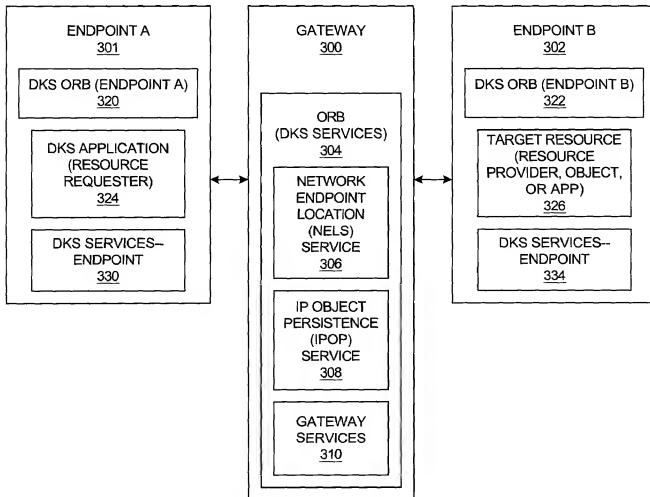


FIG. 3

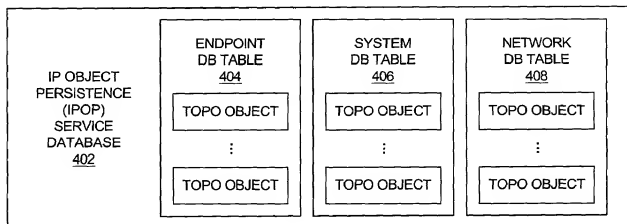
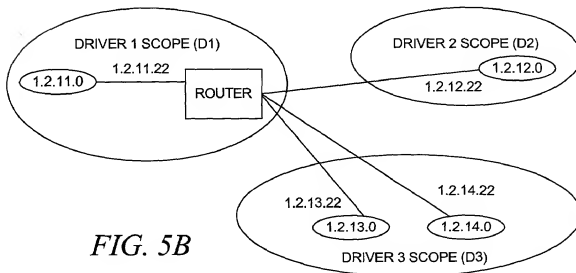
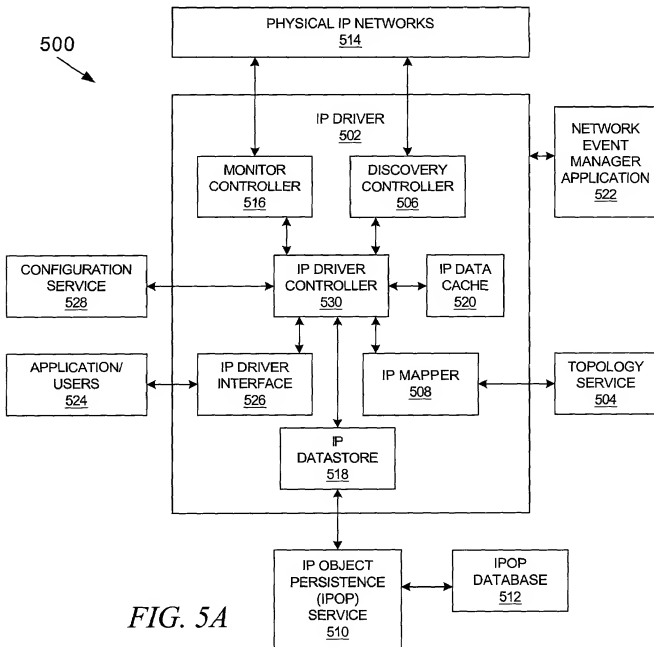


FIG. 4

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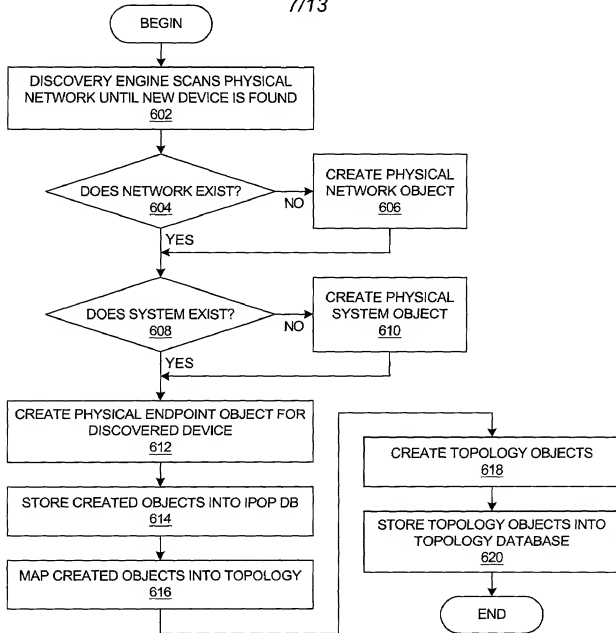


FIG. 6A

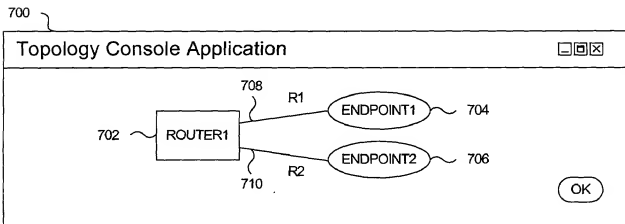


FIG. 7A

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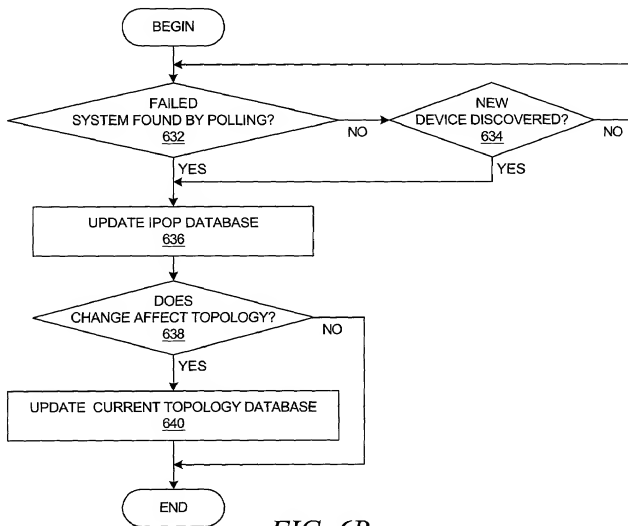


FIG. 6B

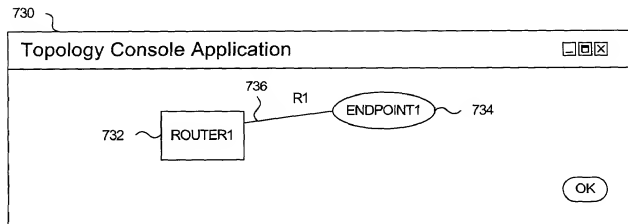


FIG. 7B



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```

graph LR
    A["FAILOVER SERVICE  
[ORB 1]  
802"] <-->|804| B["IP DRIVER  
(ID = 9)  
[ORB 2]  
806"]
    B <-->|808| C["IPOP SERVICE  
[ORB 3]  
810"]
  
```

```

graph LR
    A["FAILOVER SERVICE  
[ORB 1]  
802"]
    B["IP DRIVER  
(ID = 9)  
[ORB 2]  
806"]
    C["IPOP SERVICE  
[ORB 3]  
810"]
    B <--> |808| C
  
```

```

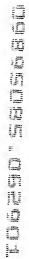
graph LR
    A["FAILOVER SERVICE  
[ORB 1]  
802"]
    B["IP DRIVER  
(ID = 9)  
[ORB 2]  
806"]
    C["IPOP SERVICE  
[ORB 3]  
810"]
    D["IP DRIVER  
(ID = 9)  
[ORB 4]  
812"]
    B <--> |808| C
    C <--> |816| D
    D -- 814 --> A
  
```

[illegible]

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*FIG. 9A*



*FIG. 9B*

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**Figure 1** *Flowchart of the study*

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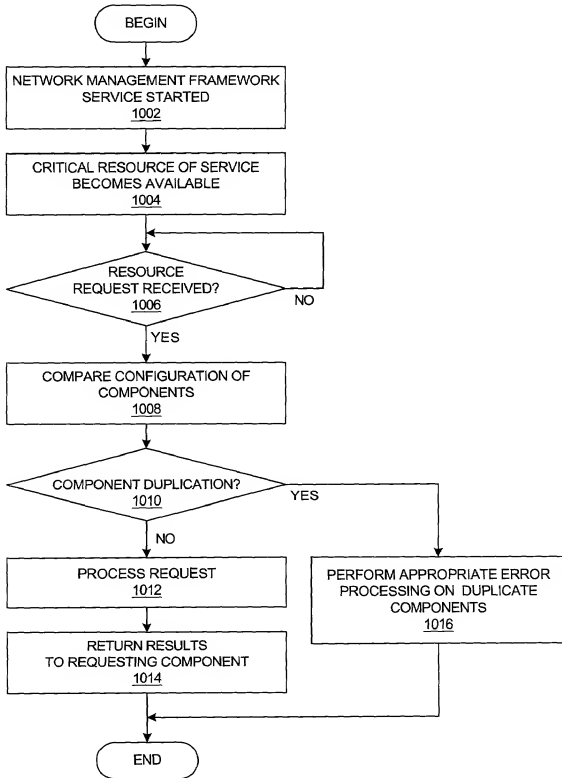


FIG. 10